

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below our names.

We believe that we are the original and first inventors of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

DRILL STRING SHUTOFF VALVE

We hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>NUMBER</u>	<u>DATE FILED</u>
---------------	-------------------

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing of the prior application and the national or PCT international filing date of the continuation-in-part application.

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DATE FILED	PRIORITY CLAIMED
--------	---------	------------	------------------

YES NO

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 37, Code of Federal Regulations, Sec. 1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Parent Application No.: _____
 PCT Parent Application No.: _____

Filing Date: _____
 Filing Date: _____

The undersigned, being the inventors named in the above-identified patent application, hereby appoint:

James E. Bradley	Reg. No. 27,536	Jeffrey S. Whittle	Reg. No. 36,382
Albert B. Kimball, Jr.	Reg. No. 25,689	Ben D. Tobor	Reg. No. 27,760
Kent A. Rowald	Reg. No. 34,005	J. Wendy Davis	Reg. No. 46,393
Kimberly L. Brown	Reg. No. 48,698		
Constance G. Rhebergen	Reg. No. 41,267		

jointly and severally, as their attorney or agent, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office in connection therewith and to receive the Letters Patent. All previous powers, if any, are hereby revoked.

Please direct all correspondence to:

James E. Bradley
BRACEWELL & PATTERSON, LLP
P.O. Box 61389
Houston, Texas 77208-1389
Direct Phone: (713) 221-3301

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the publication or any patent issued thereon.

FIRST INVENTOR'S NAME:

Kwong-Onn C. Chan

SIGNATURE:

DATE:

Sep 30 / 2003

RESIDENCE:

11908-28 Ave NW, Edmonton, Alberta, Canada T6J 6B9

COUNTRY OF CITIZENSHIP:

Canada

POST OFFICE ADDRESS:

same

SECOND INVENTOR'S NAME:

Behrooz Movaffagh

SIGNATURE:

DATE:

Sept 30 / 2003

RESIDENCE:

7622-10 Ave NW, Edmonton, Alberta, Canada T6K 2T6

COUNTRY OF CITIZENSHIP:

Canada

POST OFFICE ADDRESS:

same

THIRD INVENTOR'S NAME:

Xiaoping He

SIGNATURE:

Henry He

DATE:

30. sep. 2003

RESIDENCE:

10411-20 Ave NW, Edmonton, Alberta, Canada T6J 5A1

COUNTRY OF CITIZENSHIP:

Canada

POST OFFICE ADDRESS:

same